

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Pu-Sheng CHENG et al.

Confirmation No.: 1237

Application No.: 10/626,369

Patent No.: 7,223,426 B2

Filing Date: July 23, 2003

Patent Date: May 29, 2007

For: SYSTEM AND METHOD FOR
DISPENSING A LIQUID BEVERAGE
CONCENTRATE

Attorney Docket No.: 88265-10365

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Patentees hereby respectfully request the issuance of a Certificate of Correction in connection with the above-identified patent. The correction is listed on the attached Form PTO-1050. The correction requested is as follows:

Column 16, line 47 (claim 19, line 25), after "by the connection system", delete "wit" and insert -- with --. Support for this change appears in application claim 31.

The requested correction is for an error that appears to have been made by the Office. Therefore, no fee is believed to be due for this request. Should any fees be required, however, please charge such fees to Winston & Strawn LLP Deposit Account No. 50-1814. Please issue a Certificate of Correction in due course.

Respectfully submitted,

6-5-07
Date

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO.: 7,223,426 B2

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APPLICATION NO.: 10/626,369

DATED: May 29, 2007

INVENTOR(S): Cheng et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 16:

Line 47 (claim 19, line 25), after “by the connection system”, delete “wit” and insert -- with --.

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beverage product is a non-carbonated beverage, a coffee or tea beverage, or a creamy beverage.

4. The dispensation system of claim 1, wherein the pump assembly comprises dual-head or multi-head volumetric positive displacement pumps.

5. The dispensation system of claim 4, wherein the volumetric positive displacement pumps are peristaltic pumps.

6. The dispensation system of claim 1, wherein the packaging assembly has dual compartments for retaining the components therein.

7. The dispensation system of claim 1, wherein the packaging assembly is a single chamber of a polymer film that is divided to form the compartments.

8. The dispensation system of claim 7, wherein each compartment is made of a pouch that includes a fitment that protrudes outside the pouch to dispense the components from the compartments.

9. The dispensation system of claim 1 wherein the beverage packaging assembly includes:

an outer chamber having at least two separate compartments for receiving and storing therein at least two different components, each compartment having a predetermined volume occupied by the component(s) therein; and

a fitment attached to each of the compartments and having a predetermined orifice size,

wherein the occupied volumes of the compartments and the orifice sizes of the fitments are varied depending on the particular viscosities of the components therein, to provide the appropriate flow rates and a desired ratio of the components upon delivery and formation of the beverage, such that the compartments become empty at substantially the same time.

10. The dispensation system of claim 1 which further comprises first and second connection means respectively associated with the fitments, with the first and second connection means being in fluid association with an addition chamber that is adapted to deliver the beverage product.

11. The dispensation system of claim 10 wherein each of the first and second connection means includes a gland of the push-and-lock type.

12. The dispensation system of claim 10 wherein the two different components are a coffee base concentrate and a coffee aroma.

13. The dispensation system of claim 10, wherein a first component has a first viscosity, a second component has a second viscosity, and the diluent has a viscosity, wherein the first viscosity, the second viscosity, or both are greater than twice the viscosity of the diluent.

14. The dispensation system of claim 13, wherein the diluent comprises water, carbonated water, a milk or non-dairy milk product, a solution containing any of these, or a mixture thereof.

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15. The dispensation system of claim 13, wherein the first component is a coffee base concentrate having at least about 10% by weight of soluble coffee solids and the second component is a coffee aroma.

16. The dispensation system of claim 1, wherein a first component is a coffee base concentrate having at least about 10% by weight of soluble coffee solids and a second component is a coffee aroma.

17. The dispensation system of claim 1, wherein one component is a coffee base concentrate that is substantially free of coffee aroma, and another component is a coffee aroma.

18. The dispensation system of claim 1, wherein the compartments contain relative amounts of each component, such that each compartment empties uniformly relative to the other compartment(s) at a determined rate, to empty the compartments at substantially the same time.

19. A beverage product dispensation system comprising: a packaging assembly comprising at least two different components stored in separate compartments, wherein the components are capable of forming a beverage after being combined;

at least a pump assembly arranged for pumping the components from the packaging assembly to an addition chamber operatively associated with the compartments of the packaging assembly, with the addition chamber being arranged to receive and combine the at least two components therein to form a mixture which is delivered therefrom as a beverage product or beverage forming product;

means for providing a diluent to the mixture of the least two components to provide the beverage product; and a connection system comprising a fitment and a gland for each compartment;

wherein the components are a beverage forming base concentrate and a beverage aroma that have a storage stability that is less when mixed together prior to dispensation than when stored separately and the components form a beverage after being combined with and diluted by the diluent, and wherein each component is removably connected to a respective portion of tubes by the connection system with the flow of components from the compartments to the portions of the tubes being established when each fitment is pushed into and locked to its respective gland.

with

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